

ABSTRACT OF THE DISCLOSURE

A semiconductor laser device including a laser element stack array emitting a two-dimensional array shaped group of laser beams consisting of rows of laser beams arranged linearly in parallel in a broken line configuration and optical elements arranged in front of the array, receiving rows of laser beams bent and collimated in a direction substantially perpendicular to the orientation of the broken line configuration. Laser beams are emitted from emitters or groups of emitters and are rotated by right angles so as to convert the laser beams to a plurality of rows aligned in parallel in an approximate ladder rung configuration and the distance between center axes of the rows of laser beams is shortened to condense the laser beams by converting them to a group of laser beams emitted from a common object and thereby making all laser beams converge to a single image.